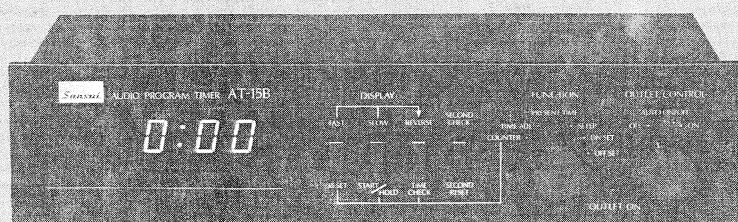


SANSUI AT-15B AT-15S



SANSUI ELECTRIC CO., LTD.

Clock type	24-hour digital clock
Indication accuracy	Within ± 10 seconds a month (AC power supply synchronizing system)
On/off preset timer	
Preset	On/off time can be preset at will by units of minute.
Timer accuracy	Within ± 0.02 second of the set time
Sleep timer	Time of up to 1 hour 59 minutes can be set at will by units of minute
Timer counter	Capable of counting up to 1 hour 59 minutes 59 seconds 1 count for 1 second Indication is available in minute/second and hour/minute modes.
AC outlet	2 outlets, 700 W in total.
Power supply voltage	110 to 120 V/220 to 240 V (with the power supply voltage selector switch).
Power supply frequency	50/60 Hz (with the frequency selector switch).
Power consumption	7 W
Dimensions	
	270 mm (10-11/16") W
	71 mm (2-13/16") H
	121.5 mm (4-13/16") D
Weight	
	1.2 kg (2.6 lbs.) net
	1.5 kg (3.3 lbs.) packed

*Design and specifications subject to change without notice for improvements.

1. PARTS LOCATION & PARTS LIST

Photo-1

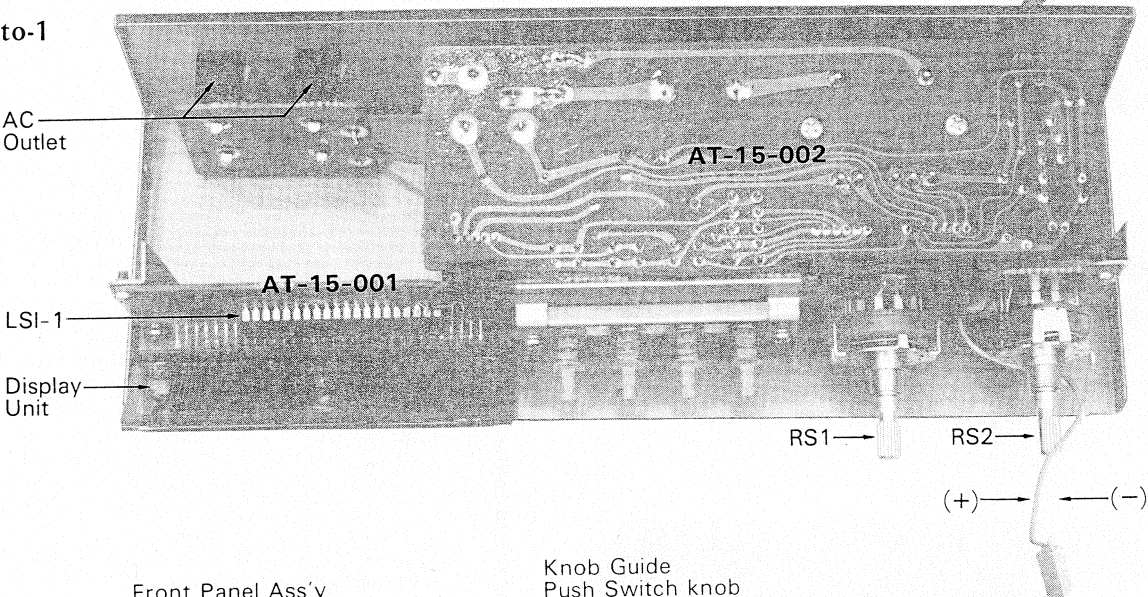


Photo-2

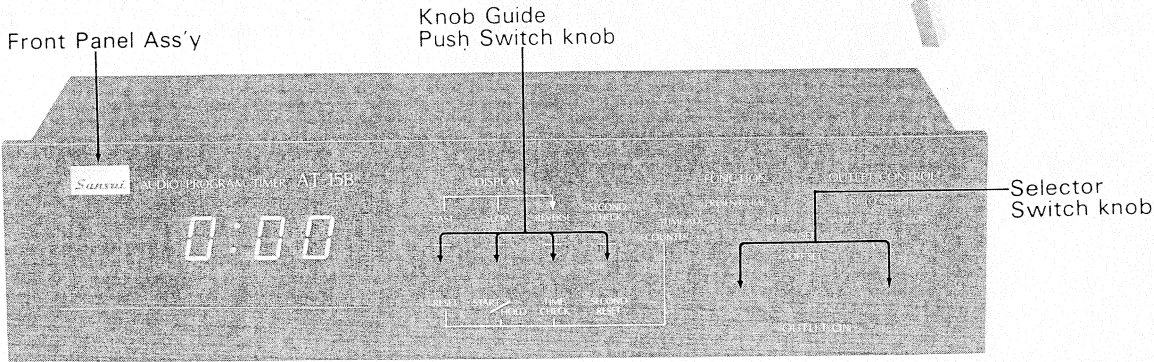
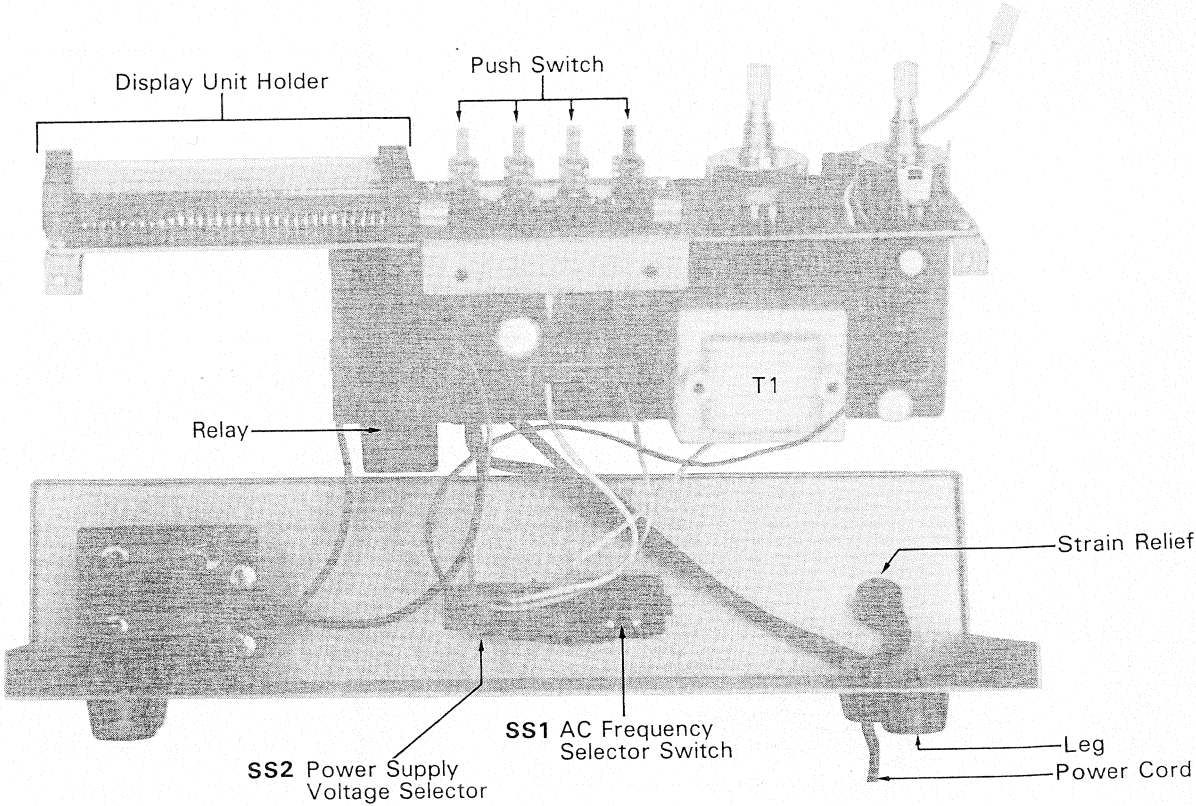
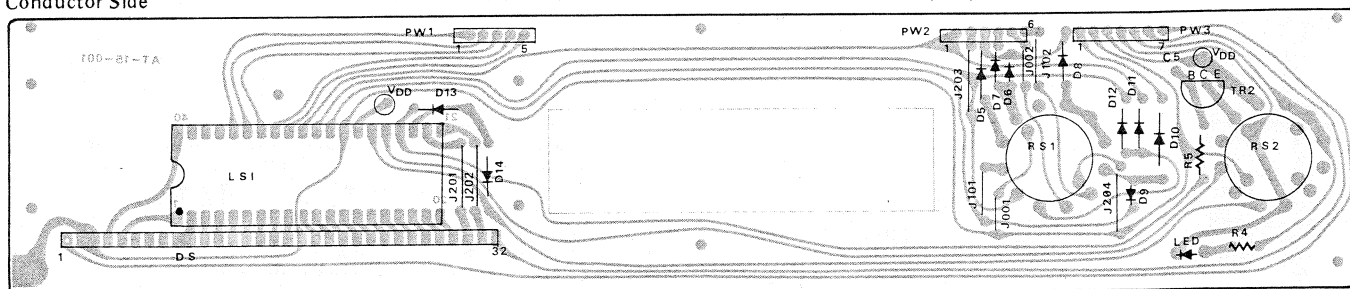


Photo-3



1-1. IC & Display Unit Circuit Board (AT-15XX-001)

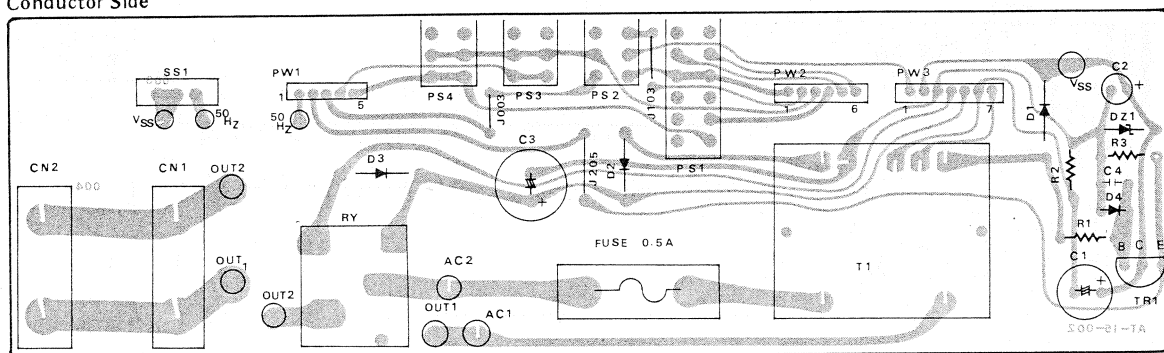
Conductor Side



Note: The circuit board, AT-15-001/AT-15-002 are not supplied as the assembled, the individual parts on the circuit board, however, are provided for orders.

1-2. Power Supply & Push Switch Circuit Board (AT-15XX-002)

Conductor Side



Parts List < Photos-1, 2, 3/ Circuit Board 1-1, 1-2>

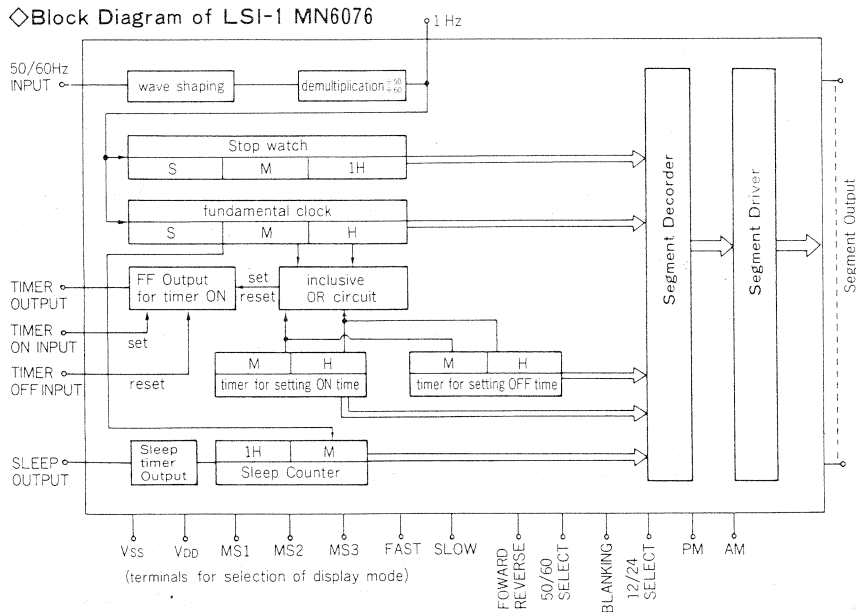
Parts No.	Stock No.	Description
● Transistor		
TR 1, 2	03059502	2SC945
● IC		
LSI 1	03612100	MN6076
● Diode		
D 01 ~ 03	03117400	1N4002
D 04 ~ 14	03111800	1S1588
ZD01	03162900	RD12EB
DS 1	00000200	Display Unit
RY	11505800	Relay
SS 1	11104100	AC Frequency Selector Switch

Parts No.	Stock No.	Description
RS1	11019400	Function Switch
RS2	11019500	Outlet Control Switch
T 1	40031400	Power Transformer
PS 1 ~ 4	11320400	Push Switch
CN1, 2	24501100	AC Outlet
	38004701	AC Cord
	07108700	Front Panel Ass'y B
	07108100	Front Panel Ass'y B
	53967900	Smoked Plate
	53967700	Knob Guide B
	53967800	Knob Guide S
	03191200	LED
	07108600	Selector Knob B
	07108000	Selector Knob S

Parts No.	Stock No.	Description
	53194800	Push Knob B
	53194900	Push Knob S
	55173400	Leg
	52965300	Display Unit Holder
	50070000	Bonnet
	39108200	Strain Relief, AC Cord
SS 2	11104200	Slide Switch, power supply voltage selector
	52970600	Switch Stopper

Note:
Since there are AT-15B & AT-15S in the parts list above,
please pay attention when ordering Parts.
Parts marked (B) in parts list for AT-15B only
Parts marked (S) in parts list for AT-15S only

◆Block Diagram of LSI-1 MN6076

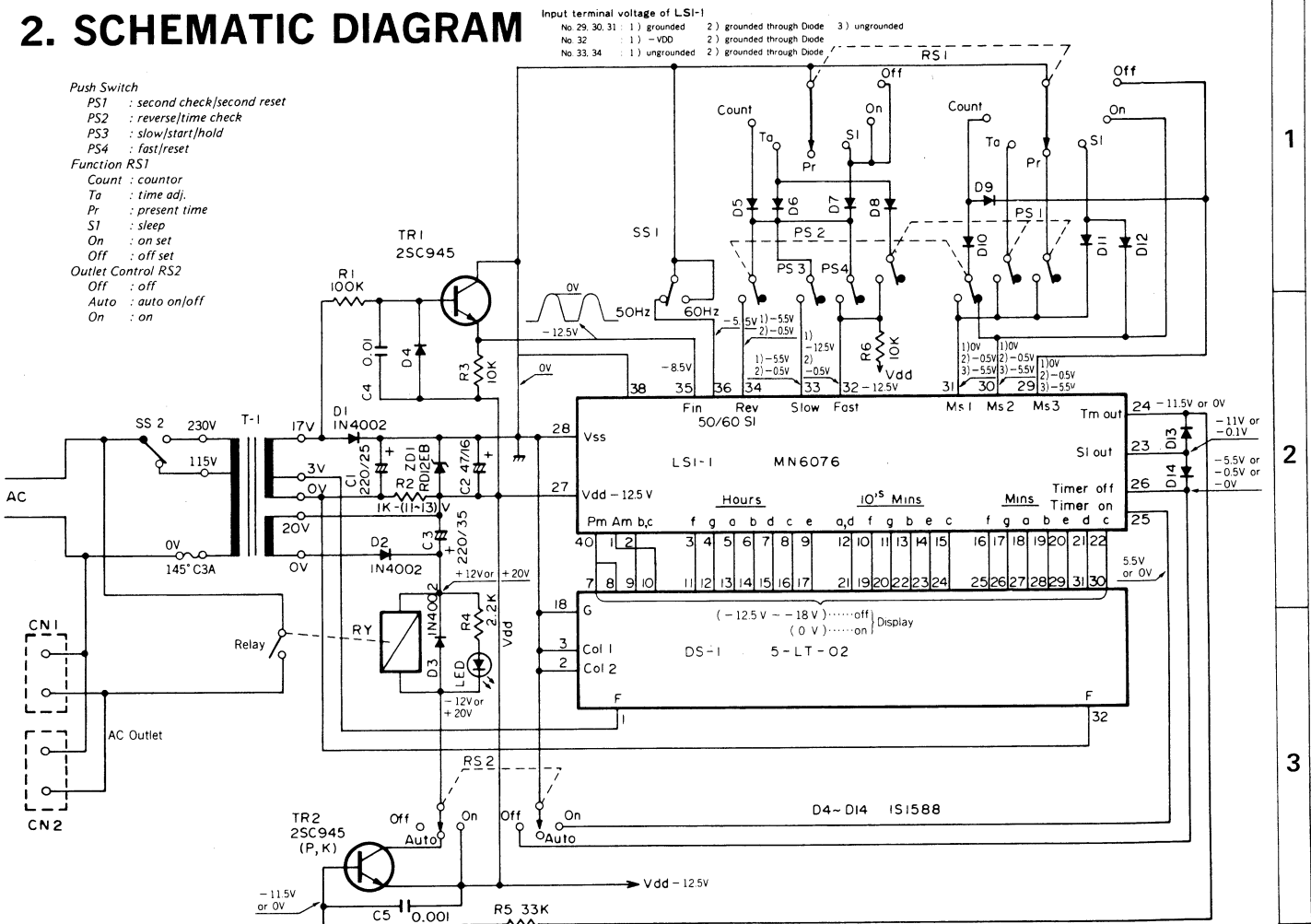


- REPLACEMENT OF IC & DISPLAY UNIT

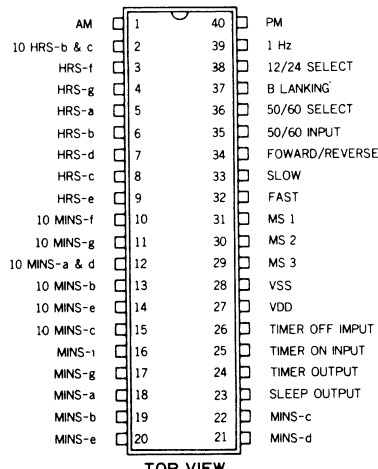
1. Remove bonnet and front panel ass'y.
2. Take out IC and display unit to this side.
3. Take off display unit holder at both sides then replace the IC to lean display unit toward this side. (The leads of display unit do not break off if the bending is within few times).

• Design and specifications subject to change without notice for improvement.
• La présentation et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
• Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.

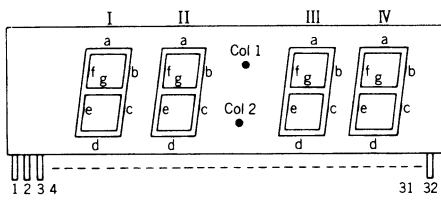
2. SCHEMATIC DIAGRAM



◇LSI-1 MN6076



◇Display Unit DS-1



Segment	AM	PM	(b, c)	a, b, c, d, e, f, g	Cd1, Cd2	(a, b)
Pin of Display Unit	5	4	(9, 10)	13 14 16 15 17 11 12	3 2	21
	I			II		
	b	c	e	f	a	b
	22	24	23	19	20	27
	III			IV		
	a	b	c	d	e	f
	28	30	31	29	25	26
				Ground		
				Heater		
				1 1		
				32		

